



**Air Purifier
With Germicidal UV Light**

INSTRUCTION MANUAL

MODEL # EE-5064, EE-5065



PLEASE READ AND SAVE ALL INSTRUCTIONS TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS APPLIANCE.

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AIR PURIFIER MODELS

This instruction manual applies to the following Crane Air Purifier product range:

PENGUIN
Model#
EE-5065

SHARK
Model#
EE-5064

For information on all CRANE Air Purifiers please visit <http://www.crane-usa.com> for retail outlets.



IMPORTANT SAFETY INSTRUCTIONS

INTRODUCTION

Thank you for purchasing our CRANE Air Purifier with UV Germicidal Light. Each unit has been manufactured to ensure safety and reliability. Before using for the first time, please read the instructions carefully, and keep them for further reference.

WARNING! READ AND SAVE THESE INSTRUCTIONS. Failure to follow all the instructions listed below may result in electric shock, fire and/or serious personal injury.

1. To avoid fire and shock hazard, plug the appliance directly into a 120V AC electrical outlet
2. Never operate the unit with a damaged cord or plug. Return appliance to manufacturer for examination, electrical or mechanical adjustment or repair.
3. Keep cord out of heavy traffic areas. To avoid fire hazard NEVER put the cord under rugs, near heat registers, radiators, stoves, or heaters.
4. Always place the air purifier where it is not easily knocked over by persons in household.
5. To protect against electrical hazards DO NOT immerse in water or other liquids. Do not use near water.
6. Never touch the air purifier with wet hands. **ALWAYS plug and unplug unit with dry hands.**
7. Do not operate the product in any greasy environment such as a kitchen. This product is not intended to filter oil or grease from air.
8. Do not use air purifier in bathrooms or other humid environments, near fireplaces or in areas where flammable or combustible vapors or products may exist.
9. Always unplug the power cord from electrical outlet when the air purifier is not in use, before cleaning, inserting or removing parts or before moving to another location.
10. NEVER run air purifier until it is fully assembled.
11. To reduce the risk of electrical shock, this product has a polarized plug (one blade is wider than the other). This plug will fit into a polarized outlet only one way. Do not alter the plug in any way.
12. NEVER drop or insert any object into any openings.
13. Use appliance only for the intended household use as described in this manual.
Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
14. Do not use outdoors.

SAVE THESE INSTRUCTIONS!

15. Never use the power cord to pick up, carry, drag, pull, or lift the air purifier. Do not pull the cord against or around sharp corners or edges. This could result in injury to the user and/or damage the cord.
16. Never pull on the cord itself to unplug from power outlet.
17. ALWAYS turn unit off before unplugging.
18. Never block the air openings, or place on soft surface, such as a bed or sofa, as this could cause the unit to tip over thus blocking the air intake opening.
19. DO NOT place anything on top of unit.
20. NEVER use detergents, gasoline, glass cleaner, paint thinner or other household solvents to clean any part of the unit.
21. Always place the unit on a smooth, flat, level surface, and away from direct sunlight. Keep the cord away from heated surfaces and areas where it could be walked on or tripped over. Unplug the unit when not in use and whenever you clean or move the unit.

IMPORTANT WARNING



Germicidal UV Light Notice

NEVER look directly at the UV Light while it is illuminated- doing so could cause temporary or chronic damage to your eyesight or may even result in loss of vision. UV Light is harmful to bare skin and eyes. To prevent exposure to ultraviolet light, disconnect the power to the unit before servicing any part of the air purifier. **NEVER** operate air purifier if the housing is damaged or cracked.

Germicidal UV Light Disposal

If the UV light breaks, turn unit off. NEVER operate the unit with a broken UV light. DO NOT use a vacuum to pick up broken bulb glass or handle broken bulb with your hands. Sweep debris into a plastic bag and dispose properly. Contact your local waste management authority for instruction regarding recycling and the proper disposal of the old lights.

TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT USE THIS AIR PURIFIER WITH ANY SOLID STATE SPEED CONTROL DEVICE.

SAVE THESE INSTRUCTIONS!

GENERAL SAFETY INSTRUCTIONS



WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire or serious personal injury. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are a factor which cannot be built into this product, but must be supplied by the operator.

THIS AIR PURIFIER IS NOT A TOY!

Do not let your child play with this appliance. Serious injury and electrocution might be possible. This appliance has to be operated by an adult only. Children should be supervised to ensure that they do not play with the air purifier.

SAVE ALL INSTRUCTIONS!

CAUTION: A short power supply cord is provided to reduce the risk of personal injury resulting from becoming entangled in or tripping over a longer cord. Extension cords are available from local hardware stores and may be used if care is exercised in their use. If an extension cord is required, special care and caution is necessary. Also the cord must be: (1) marked with an electrical rating of 125 V and at least 13 A., 1625 W., and (2) the cord must be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over accidentally.

ELECTRIC POWER

If electric circuit is overloaded with other appliances, your appliances may not operate properly. The appliances should be operated on a separate electrical circuit from other operating appliances.

POLARIZED PLUG

This appliance has a polarized plug (one blade is wider than the other). As a safety feature to reduce the risk of electrical shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.



SAFETY WARNING

Although your appliance is easy to operate, for your safety, the below warnings must be followed:

1. Do not place the appliance near a heat source.
2. Never leave the appliance unattended while connected to the electrical outlet.
3. To avoid any accidents, never cover air grilles when the appliance is in operation.
4. Use the appliance on a stable surface away from water.
5. Do not unplug from the wall socket by pulling on the supply cord.
6. The appliance must be unplugged:
 - A. Before any cleaning or maintenance
 - B. After use
 - C. If it appears to be faulty

THIS PRODUCT IS INTENDED FOR HOUSEHOLD USE ONLY.

LIST OF MAIN PARTS

Fig. 1

1. Outlet Grill
2. Rear Door Latch
3. Intake Grill

(Shape of Air Purifier depends on model #)



Fig. 1

Fig. 2

4. Central Body
5. Red Air Purifier Power Indicator Light
6. Control Knob
7. Blue UV Indicator Light

(Shape of Air Purifier depends on model #)



Fig. 2

Fig. 3

8. Safety Tip Switch
9. Power Cord

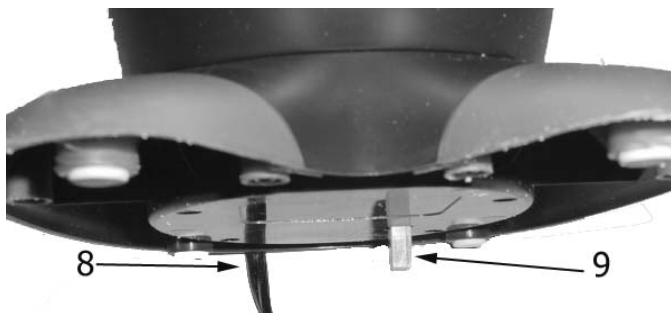


Fig. 3

TECHNICAL SPECIFICATIONS

Rating Voltage	120V-60Hz
Power Supply	45W
UV Light	4W
Weight	5Lbs

CONTENTS OF PACKAGING

NOTE: The air purifier is pre-assembled and ready for use.

- a. Central Body
- b. HEPA Filter with Carbon Filter inside HEPA filter (assembled)
- c. Particle Filter (assembled)
- d. Germicidal UV (Ultraviolet) Light (assembled)
- e. Photocatalyst Filter (assembled)
- f. Instruction Manual

NOTE: Replacement HEPA Filter Set (*set includes HEPA filter with carbon filter, particle filter and photocatalyst filter*) can be purchased at the same retailer the Crane Air Purifier was purchased.

If any of the above items are missing, please contact our service department at 1-888-599-0992 (<http://www.crane-usa.com>) for replacement parts. Business hours Mon-Fri 9:00am - 4:00pm CT

KNOW YOUR AIR PURIFIER

Americans spend about 90% of their lives indoors, and the Environmental Protection Agency (EPA) estimates that, on average, indoor air is two to five times more polluted than outdoor air. Air purifiers are designed to eliminate impurities in the air—even those impurities which are so microscopic that they are invisible to see.

Ultraviolet Air Purifier

Various viruses and bacteria that contaminate the air can be destroyed with ultraviolet light technology, installed in Crane's Air Purifier. Not only the virus and bacteria the entire pollen particles, molds and microns that are invisible to naked eye are also eliminated by the ultraviolet technology.

The Importance of the AHAM Certification Seal

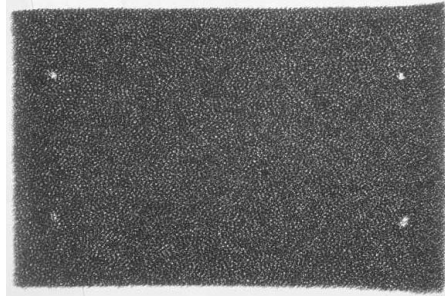
CADR stands for Clean Air Delivery Rate, and is a measurement developed by AHAM (the Association of Home Appliance Manufacturers). The CADR shows how much clean air an air purifier/cleaner delivers to a room, measured in cubic feet per minute.

FEATURES

Crane's 5 Level Filtration helps remove airborne allergens, bacteria, viruses and germs before the air goes back into the room!

Level 1 Washable Particle Filter

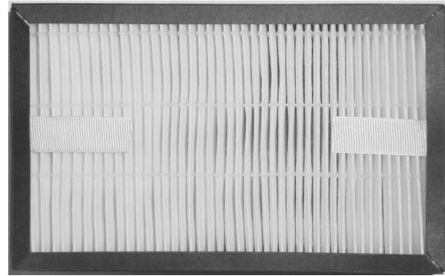
The purpose of foam particle filter is to extend the life of the HEPA filter by removing large particles before they can get to the HEPA filter. You will find visible dust, hair, and lint in the particle filter. By keeping the particle filter clean you can dramatically extend the life of your HEPA filter and improve the overall efficiency of your air purifier. NOTE: See Maintenance instruction for the Particle Filter.



Level 2 True HEPA Filter

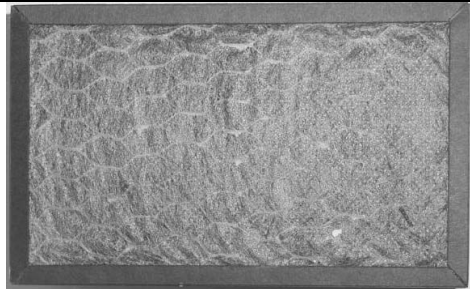
HEPA stands for High Efficiency Particulate Air. The inlet grill of your air purifier draws in dirty air. Crane's air purifier true HEPA filter removes at least 99.97% of all particles as small as 0.3 microns. Microns are used to measure the size of these microscopic airborne particles.

Allergens such as pollen, smoke, animal dander, mold spores, and dust get trapped in the HEPA filter.



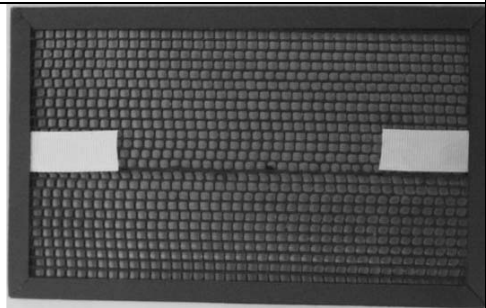
Level 3 Active Carbon Filter

The Active Carbon Filter (inside the HEPA filter) captures particles as well as absorbs common household odors caused from tobacco, pets, garbage and cooking.



Level 4 Photocatalyst Filter

In conjunction with the internal germicidal UV light the photocatalyst filter creates an advanced oxidation that eliminates airborne odors and neutralizes harmful fumes.



Level 5 Germicidal UV Light

The ultraviolet light prevents germs from growing in the HEPA filter and kills viruses or bacteria along with the other airborne pollutants and microns.

NOTE: Blue UV Indicator Light indicates that the UV light is ON.



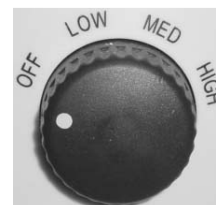
OPERATION AND USE

Before Use Instructions

1. Select a firm, level and flat surface to place the air purifier. For proper air flow, locate the unit at least 3 feet from any wall or furniture.
2. Do not place unit in close proximity to electronic devices that are sensitive to electrical fields.
3. Do not place unit on metal shelving. Air purifier may be placed on floor, nightstand, table or desk. Make sure that the outlet grille faces away from the nearest wall or furniture.
4. Make sure that the intake and outlet grilles are not blocked.
5. Plug into a grounded 120V outlet. See manual SAFETY INSTRUCTIONS.
6. Turn control knob to desired setting LOW, MED, HIGH.

Operating Instructions

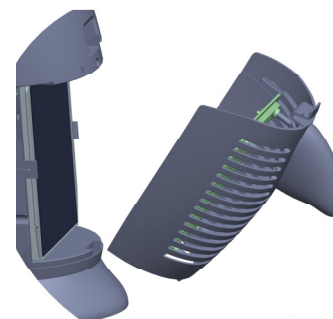
1. Turn control knob to desired setting.
2. Select setting LOW for quieter operation or use in the bedroom.
3. Select setting MED to operate the air purifier on a continuous use.
4. Select setting HIGH when high levels of air pollutants are present to quickly circulate and filter the room air.
5. The Red Air Purifier Power Light will illuminate red when power is ON.
6. Blue UV Indicator Light will illuminate blue when power is ON. **NOTE:** Both red and blue lights will illuminate when power is ON. If the blue UV indicator light does not illuminate blue when red power light is turned ON then the UV light needs to be replaced (see page 9).



REPLACING THE HEPA FILTER

On an average the HEPA Filter needs to be replaced every 3-6 months. Filter life will depend on air quality and usage.

1. ALWAYS turn off and unplug air purifier from power outlet before replacing the filter.
2. Remove each of the filters from the unit by pulling gently toward you.
3. To replace the HEPA filter, discard the old HEPA filter. DO NOT ATTEMPT to clean the HEPA filter. Place the washable particle filter back on the new HEPA Filter. Insert the new HEPA filter into the unit by sliding it into place.



4. To close the rear door, place bottom rear door tab into tab slot and close door. DO NOT FORCE DOOR TO CLOSE! PLEASE NOTE that if there is any uneven closure at the bottom of the rear door the door is not closed securely. You will need to insert bottom tab again into slot and close door again. The rear door must be evenly flush with the air purifier body

NOTE: Replacement HEPA Filter Set #HS-1934 (*set includes HEPA filter with carbon filter inside HEPA filter, particle filter and photocatalyst filter*) can be purchased from the same retailer you purchased the Crane Air Purifier.

REPLACING THE GERMICIDAL UV LIGHT



WARNING: Always make sure that the air purifier is turned OFF and UNPLUGGED from power outlet before replacing UV light. Always use caution when handling the UV light to prevent accidental breaking of the bulb. NEVER touch the glass part of the light. Oil from fingers will reduce the germicidal performance of the UV light. Always use gloves or handle the light only by the metal area on the light.

DO NOT use a vacuum to pick up broken bulb glass or handle broken bulb with your hands. Sweep debris into a plastic bag and dispose properly. Contact your local waste management authority for instruction regarding recycling and the proper disposal of the old light(s).

The UV bulb is designed to provide approximately one year continuous operation. After one year the UV Light's effectiveness is greatly reduced. For maximum germicidal protection replace after a year or if the blue UV light does not illuminate when the UV switch is ON. **Please refer to page 5 fig. 2.**

NOTE: Refer to instruction manual Order Form to purchase replacement UV light.

MAINTENANCE



CAUTION:

Always be sure that the appliance is unplugged and switched OFF before cleaning, removing filters or attempting to store the item. **NEVER PLUG OR UNPLUG UNIT WITH WET HANDS.**

Cleaning the Washable Particle Filter

1. Remove the foam particle filter by pulling out of the unit gently.
2. Rinse the particle filter by hand with warm water. DO NOT place in dishwasher. DO NOT use hard solvents or detergents. Warm water only.
3. Particle filter MUST be thoroughly dry before replacing back into the air purifier.

Cleaning the Air Purifier

NOTE: NO PART of the air purifier should be placed in the dishwasher.

1. Always unplug the unit before cleaning.
2. Once unplugged the exterior of the unit may be cleaned by wiping with a lightly damp cloth. **Caution:** DO NOT ALLOW WATER TO GET INTO THE INTAKE AND OUTLET GRILLS. NEVER USE GASOLINE, POLISH OR ANY CHEMICAL SOLUTION TO CLEAN AIR PURIFIER.
3. The intake grill and outlet grill can be cleaned of dust with a small soft brush.
4. If you wish to lightly clean the inside of the air purifier, please remove filters and ONLY use a dry, soft cloth to lightly wipe down.

STORING YOUR AIR PURIFIER

Store the appliance in a dry location. Do not place any heavy items on top of appliance during storage as this may result in possible damage of the appliance. Store the cord in a clean, dry location away from metal objects. Always check the plug before use to assure metal items have not become attached.

TROUBLE SHOOTING

CAUTION: DO NOT attempt to service the air purifier yourself. If the air purifier continues to not operate please call our service center (see toll free number).

Problem	Solution
The air purifier does not operate.	<ul style="list-style-type: none">▪ Make sure the intake grill rear door is locked into place. Ensure that the bottom tab is engaged in slot before you shut the grill. There is an automatic safety shut off switch if the intake grill door is not shut completely.▪ Make sure the air purifier control knob is at LOW, MED, or HIGH.▪ Make sure the power cord is plugged into power outlet.▪ If the above solutions do not work please contact Crane's service center.
<i>Reduced air flow.</i>	<ul style="list-style-type: none">▪ Make sure that the intake and outlet grills are not blocked.▪ Check to see if the washable particle filter or the HEPA filter is clogged. Clean particle filter (see cleaning instructions) or replace HEPA filter.▪ If the above solutions do not work please contact Crane's service center.
<i>Blue indicator light does not illuminate.</i>	<ul style="list-style-type: none">▪ Check that the UV light is illuminated by placing the air purifier in a dark room and if a faint blue illumination is not visible from the grills the UV bulb may be burned out. Please refer to UV light replacement page 9.▪ Check to see if the fan is running. The UV light will not illuminate unless the fan is on.

SERVICE CENTER

If you have any questions with regard to the operation of this humidifier or are in need of a spare part, please contact our service center at:

Crane USA Inc.

621 Route 83, Ste 202, Bensenville, Illinois 60106

Tel: 1-888-599-0992 (Business Hours: Monday-Friday 9:00 am-4:00 pm CT)

Website: <http://www.crane-usa.com>

NOTE: Spare Parts can also be purchased online at www.crane-usa.com under customer service, order spare parts.

ENVIRONMENTAL PROTECTION

If the appliance should no longer work at all, please make sure that it is disposed in an environmentally friendly way, by handing it into a public collection point. Please do not put it with your household waste.



LIMITED WARRANTY

Thank you for purchasing a top quality **Crane** product. This Air Purifier with Germicidal UV Light was tested and meets our stringent quality standards. This product is warranted to be free from manufacturing defects under normal use and conditions for 1 year.

NEED HELP?

PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE. CALL US FOR PROBLEMS AND QUESTIONS 888-599-0992. WE CAN HELP.

If you experience unsatisfactory operation, first refer to the troubleshooting section in the manual to ensure that it is not due to care or cleaning. Follow Care and Cleaning Instructions from manual. You can also visit www.crane-usa.com customer service for information.

If you have any questions or comments, please call our Crane Service Center 1-888-599-0992 or e-mail the Crane Service Center at: customer-service@crane-usa.com. Please specify the style and model number so our Customer Service Representative can advise you on how to correct the problem yourself or ask that you return the product for repair or replacement.

WARRANTY REQUIRES A DATED PROOF OF PURCHASE.

This Warranty is void if the defect is due to accidental damage, misuse, abuse, neglect, improper repair or alteration by unauthorized persons, or a failure to follow operating instructions provided with the product. This warranty does not apply to normal wear and tear or commercial use.

The Warranty is non-transferable and applies only to the original purchaser and does not extend to subsequent owners of the product. Liability under this warranty is limited to repair or replacement. In no event shall liability exceed the purchase price paid by the purchaser of the product. Under no circumstances shall there be liability for any loss - direct, indirect or incidental - special or consequential damage arising out of or in connection with the use of this product.

This Warranty is valid only in the 48 contiguous states plus the District of Columbia and excludes Puerto Rico and the Virgin Islands. This warranty is effective only if the product is purchased and operated in the United States of America.

This Warranty gives you specific legal rights. However you may have other rights that vary from state to state. Some states do not allow limitation on implied warranties or exclusion of consequential damages; therefore these restrictions may not apply to you.

Any instructions or Warranty included in this manual may be subject to change without notice. For the most up-to-date instructions and warranty information, please contact us or visit our website.

Crane USA Inc.

621 Route 83, Ste 202, Bensenville, Illinois 60106

Tel: 1-888-599-0992 (Business Hours: Mon-Fri 9:00 am-4:00 pm CT)

Website: <http://www.crane-usa.com>

WARRANTY INFORMATION

WARRANTY CARD

Crane

Air Purifier

This product is warranted to be free from manufacturing defects in original materials, including original parts and workmanship, for 1 year with dated proof of purchase. Any instructions or warranties included in this manual may be subject to change without notice. For the most up-to-date instructions and warranty information, please contact us or visit our website: www.crane-usa.com.

NOTE: Spare Parts can also be purchased online at www.crane-usa.com under customer service, order spare parts.



Please read limited Warranty conditions mentioned in this instruction manual!

Please print clearly and fill in details below.

Send Warranty Card with product and dated purchase receipt or copy of receipt.

Customer Name	
Street Address	
City, State, Zip	
Phone (Day/Cell)	
E-mail address	
Model #/Style (Example: Frog)	
RA#	
Purchase Date	
Description of Defect:	

Crane USA Inc.

621 Route 83, Ste 202, Bensenville, Illinois 60106

Tel: 1-888-599-0992 (Business Hours: Mon-Fri 9:00 am-4:00 pm CT)

Website: <http://www.crane-usa.com>

PLEASE DETACH THIS SECTION AND RETURN IT WITH YOUR PRODUCT

WARRANTY CARD



ORDER FORM

CRANE AIR PURIFIERS

Price per UV Light - \$18.00 include sales tax & shipping

Please send a **MONEY ORDER** only (no cash or personal checks),
Please use **Street address only** (we cannot ship to PO Boxes)
payable to Crane Inc. to the following address:

Crane Inc,
621 Route 83, Ste 202
Bensenville, IL 60106

Kindly fill in your information below and send together with your
Money Order. To avoid delay please print clearly.

Name

Street

City

State

ZIP

Phone #

Date

Model #/Style

Quantity of Parts

UV Light @ \$

Total amount

\$

Please allow 3-4 weeks for delivery